BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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Date: 20-02-2024.

TEST REPORT ON GRANITE SLAB

Sub: Testing of Granite Slab Sample. Thickness-20mm
{Project*: Construction of 1st Floor above Library Building for Health Center for Pourakarmikas at HMT Layout in Ward No-09}

Ref: Letter No. Testing/2023-24, dated 16-02-2024

Report required for : The Executive Engineer
Project Division, Yelahanka Zone
BBMP, Bangalore

Sample supplied to lab by *: The Executive Engineer
KRIDL, Bangalore

Technical specification*: IS 1124 -1974 (Reaffirmed on 1998) & IS 1122-1974(Reaffirmed on 1998).

TABLE 1:

SL No	Details of Tests	TEST RESULTS	Requirements as IS:14223, Part-I:1995, Table.1	References
01	Water Absorption	**0.38%**	0.50%, Max	IS:14223, (Part-I):1995,
02	Specific Gravity	**2.77**	2.75, Min	IS:9143-1979
03	Moisture Content	**0.06%**	0.15%, Max	IS:13030-1991
04	Dry Density	**2.624**	2.60- .68	
05	Tensile Strength	**136.0 Kg/cm^2**	90.0 Kg/cm^2,Min	IS:13365, (Part-I):1998
06	Moh's Hardness	**6.5 on a scale of 10**	6-7	

*As furnished by Client.
The Results relate only to the items tested.

S. A. L. Khan 20.02.2024

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